

ASAMM-Chukchi – Flight 205 – 7 July 2015

Area flown: Transect 21, complete; transect 23, partial; coastal transect from Wainwright to Barrow

Total hours flown: 4.7

Total transect hours: 2.0

Number of bowhead whales seen: 0 (no calves)

Weather and visibility: Skies were partly cloudy to overcast. Sea state ranged from Beaufort 2-5.

Visibility varied from 0-10 km, with glare and smoke from wildfires. Sea ice cover ranged from 0-22% broken floe ice in the area surveyed.

Sightings: Gray whales (including 1 calf), one humpback whale, one unidentified cetacean carcass, one walrus, one unidentified pinniped, small unidentified pinnipeds, and one unidentified marine mammal.

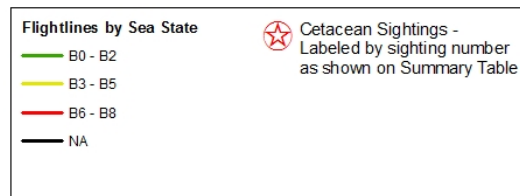
The carcass (not identifiable to species during today's flight) is very likely what is left of a dead gray whale sighted during ASAMM Flight 228 on 27 August 2014.

Preliminary Summary, Flight 205 Date: 7/7/2015

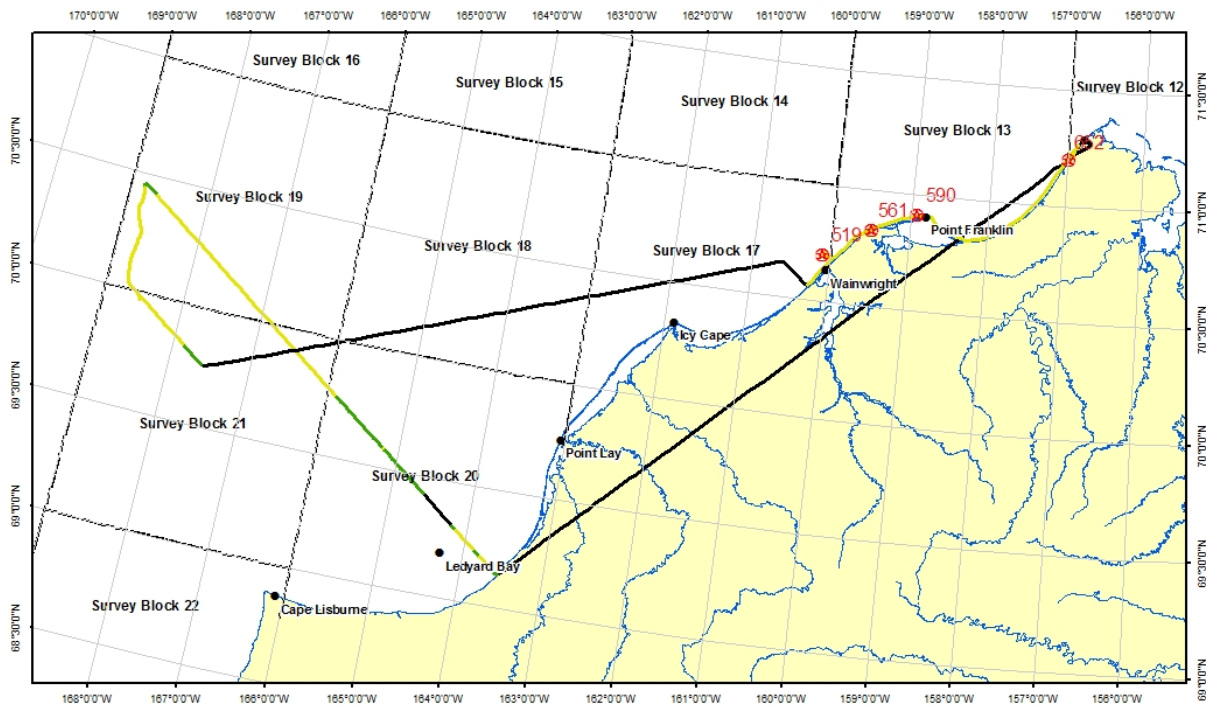
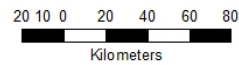
Total bowhead whales: 0	Start time: 7/7/2015 9:18:32 AM	End time: 7/7/2015 2:00:46 PM
Bowhead whale sightings: 0	Transect minutes: 119	Transect km: 443.7
Bowhead whales on transect: 0	Circling minutes: 23	Circling km: 65.4
Bowhead whale cow-calf pairs: 0	Trans+Circ minutes: 142	Trans+Circ km: 509.1
Bowhead whale cow-calf pairs on transect: 0	Search minutes: 13	Search km: 53.8
Bowhead whale repeats: 0	Total minutes: 282	Total km: 1237.4
Possible repeats: 0	Deadhead minutes: 127	Deadhead km: 674.5
Total gray whales: 3	Search blocks: 20, 19, 21, 12	
Total belugas: 0	Transect blocks: 13, 20, 21, 19, 17, 12	
Other whale sightings: 2		
Walruses: yes		
Total polar bears: 0		

Cetacean Sightings:

Event	Lat	Long	Block	Species	Total	Calves	Behavior	Swim Direction	On Effort
519	70.67	-160	17	humpback whale	1	0	feed	-1	True
561	70.83	-159.5	13	gray whale	2	1	underwater blow	-1	True
590	70.91	-158.93	13	gray whale	1	0	feed	-1	True
652	71.2	-157.01	13	unid cetacean	1	0	dead	-1	True



NOAA/AFSC/NMML-BOEM
Aerial Surveys of Arctic Marine Mammals Program
Flight 205, 7/7/2015 9:08:14 AM



Feeding humpback whale just north of Wainwright, Alaska (event 519), ASAMM-Chukchi Flight 205, 7 July 2015.



Cetacean skeleton sighted just south of Barrow, Alaska (event 652), ASAMM-Chukchi Flight 205, 7 July 2015.



Gray whale carcass sighted 27 August 2014 in same location as the cetacean skeleton sighted today.